

Stefan Lochbrunner

List of Publications by Year in descending order

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195
papers

7,625
citations

44042

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58549

82
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218
all docs

218
docs citations

218
times ranked

7590
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and application of redox-active cyclometallating ligands based on W(II) alkyne complexes. Dalton Transactions, 2022, 51, 852-856.	1.6	0
2	A Photoreactive Iron(II) Complex Luminophore. Journal of the American Chemical Society, 2022, 144, 1169-1173.	6.6	51
3	The effect of intermolecular electronic coupling on the exciton dynamics in perylene red nanoparticles. Physical Chemistry Chemical Physics, 2022, 24, 8695-8704.	1.3	2
4	Benzothiazol picolin/isonicotinamides molecular switches: Expectations and reality. Journal of Molecular Liquids, 2022, 356, 118968.	2.3	5
5	Comprehensive Picture of the Excited State Dynamics of Cu(I)- and Ru(II)-Based Photosensitizers with Long-Lived Triplet States. Inorganic Chemistry, 2022, 61, 214-226.	1.9	15
6	Higher MLCT lifetime of carbene iron(II) complexes by chelate ring expansion. Chemical Communications, 2021, 57, 7541-7544.	2.2	24
7	Ultrafast and long-time excited state kinetics of an NIR-emissive vanadium(III) complex I: synthesis, spectroscopy and static quantum chemistry. Chemical Science, 2021, 12, 10780-10790.	3.7	28
8	Fluence-dependent dynamics of localized excited species in monolayer versus bulk MoS_2 . Physical Review B, 2021, 103, .	1.1	8
9	Photoisomerization of a phosphorus-based biradicaloid: ultrafast dynamics through a conical intersection. Physical Chemistry Chemical Physics, 2021, 23, 7434-7441.	1.3	5
10	Distinct photodynamics of N^{II} and C^{II} pseudoisomeric iron(II) complexes. Chemical Communications, 2021, 57, 6640-6643.	2.2	23
11	Site-Selective Real-Time Observation of Bimolecular Electron Transfer in a Photocatalytic System Using Edge X-Ray Absorption Spectroscopy**. ChemPhysChem, 2021, 22, 693-700.	1.0	5
12	High-Performance Room-Light-Driven $\text{AgVO}_3/\text{mpg-C}_3\text{N}_4$ Core/Shell Photocatalyst Prepared by Mechanochemical Method. Advances in Chemical Engineering and Science, 2021, 11, 290-315.	0.2	3
13	Exciton Migration in Multistranded Perylene Bisimide J-Aggregates. Journal of Physical Chemistry Letters, 2020, 11, 6612-6617.	2.1	20
14	Ground- and Excited-State Properties of Iron(II) Complexes Linked to Organic Chromophores. Inorganic Chemistry, 2020, 59, 14746-14761.	1.9	28
15	When Donors Turn into Acceptors: Ground and Excited State Properties of Fe^{II} Complexes with Amine-Substituted Tridentate Bis-imidazole-2-ylidene Pyridine Ligands. Inorganic Chemistry, 2020, 59, 8762-8774.	1.9	18
16	Chercher de l'eau: The switching mechanism of the rotary switch ethyl-2-(2-(quinolin-8-yl)hydrazono)-2-(pyridin-2-yl)acetate. Computational Materials Science, 2020, 177, 109570.	1.4	8
17	Green-Light Activation of Push-Pull Ruthenium(II) Complexes. Chemistry - A European Journal, 2020, 26, 6820-6832.	1.7	15
18	Revealing the initial steps in homogeneous photocatalysis by time-resolved spectroscopy. Journal of Physics Condensed Matter, 2020, 32, 153001.	0.7	13

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19	A Vanadium(III) Complex with Blue and NIR-II Spin-Flip Luminescence in Solution. <i>Journal of the American Chemical Society</i> , 2020, 142, 7947-7955.	6.6	74
20	Ultrafast Dynamics of Singlet Excitons in Perylene Derivative Nanoparticles. , 2020, , .		0
21	Ultrafast Dynamics of Photosensitizers based on Fe(II). , 2020, , .		0
22	Switch of dimensionality of exciton diffusion in aggregates. <i>EPJ Web of Conferences</i> , 2019, 205, 06015.	0.1	0
23	Excited-State Kinetics of an Air-Stable Cyclometalated Iron(II) Complex. <i>Chemistry - A European Journal</i> , 2019, 25, 11826-11830.	1.7	36
24	Photodynamics of Fe complexes: Variation with number of NHC functions. <i>EPJ Web of Conferences</i> , 2019, 205, 04010.	0.1	0
25	Exciton Dynamics and Self-Trapping of Carbocyanine J-Aggregates in Polymer Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9428-9444.	1.5	23
26	Gold(II) Porphyrins in Photoinduced Electron Transfer Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 5940-5949.	1.7	20
27	A chemical reaction controlled by light-activated molecular switches based on hetero-cyclopentanediyIs. <i>Chemical Science</i> , 2019, 10, 3486-3493.	3.7	22
28	Light-driven proton reduction with in situ supported copper nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31892-31901.	3.8	0
29	Selective Earth-Abundant System for CO ₂ Reduction: Comparing Photo- and Electrocatalytic Processes. <i>ACS Catalysis</i> , 2019, 9, 2091-2100.	5.5	80
30	Thermally activated delayed fluorescence (TADF) dyes as efficient organic photosensitizers for photocatalytic water reduction. <i>Catalysis Communications</i> , 2019, 119, 11-15.	1.6	18
31	Ultrafast Energy Transfer in Dinuclear Complexes with Bridging 1,10-Phenanthroline-5,6-Dithiolate. <i>Inorganic Chemistry</i> , 2018, 57, 4849-4863.	1.9	10
32	A domino reaction of 3-chlorochromones with aminoheterocycles. Synthesis of pyrazolopyridines and benzofuro-pyridines and their optical and ecto-5 ^α -nucleotidase inhibitory effects. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 717-732.	1.5	28
33	The Connection between NHC Ligand Count and Photophysical Properties in Fe(II) Photosensitizers: An Experimental Study. <i>Inorganic Chemistry</i> , 2018, 57, 360-373.	1.9	72
34	Effective quenching and excited-state relaxation of a Cu(I) photosensitizer addressed by time-resolved spectroscopy and TDDFT calculations. <i>Chemical Physics</i> , 2018, 515, 557-563.	0.9	9
35	Synthesis of furo[3,2- <i>b</i> :4,5- <i>b'</i>]-diindoles and their optical and electrochemical properties. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6543-6551.	1.5	7
36	Rare-Earth Metal Tetracyanidoborate Hydrate Salts: Structural, Spectral, and Thermal Properties as well as the Luminescence of Dehydrated Salts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1495-1502.	0.6	4

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37	Boosting Visible-Light-Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphide-Carbon Nitride System. <i>Angewandte Chemie</i> , 2017, 129, 1675-1679.	1.6	57
38	Boosting Visible-Light-Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphide-Carbon Nitride System. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1653-1657.	7.2	261
39	Palladium-Catalyzed Synthesis and Fluorescence Study of Ethynylated Naphthalene Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2238-2244.	1.2	3
40	Solvent control of intramolecular proton transfer: is 4-hydroxy-3-(piperidin-1-ylmethyl)-1-naphthaldehyde a proton crane?. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7316-7325.	1.3	14
41	Palladium-catalyzed synthesis and fluorescence study of 2,3-diaryl-5-ethynylbenzo[e]indoles. <i>Tetrahedron</i> , 2017, 73, 3407-3414.	1.0	2
42	Photo-Chromium: Sensitizer for Visible-Light-Induced Oxidative C-H Bond Functionalization-Electron or Energy Transfer?. <i>ChemPhotoChem</i> , 2017, 1, 344-349.	1.5	78
43	Large Stokes Shift Ionic-Liquid Dye. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8564-8567.	7.2	11
44	Domino Reactions of Chromone-3-carboxylic Acids with Aminoheterocycles: Synthesis of Heteroannulated Pyrido[2,3-c]coumarins and their Optical and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7148-7159.	1.2	16
45	Dynamics of excited state proton transfer in nitro substituted 10-hydroxybenzo[h]quinolines. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 26621-26629.	1.3	23
46	Low temperature exciton dynamics and structural changes in perylene bisimide aggregates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 184005.	0.6	14
47	Recombination dynamics of optically excited charge carriers in bulk MoS ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 194003.	0.6	7
48	Photo-Chromium: Sensitizer for Visible-Light-Induced Oxidative C-H Bond Functionalization-Electron or Energy Transfer?. <i>ChemPhotoChem</i> , 2017, 1, 342-343.	1.5	0
49	Heteroleptic Copper Photosensitizers: Why an Extended π -System Does Not Automatically Lead to Enhanced Hydrogen Production. <i>Chemistry - A European Journal</i> , 2017, 23, 312-319.	1.7	91
50	Chemical Tuning and Absorption Properties of Iridium Photosensitizers for Photocatalytic Applications. <i>Inorganics</i> , 2017, 5, 23.	1.2	10
51	Light to Hydrogen: Photocatalytic Hydrogen Generation from Water with Molecularly-Defined Iron Complexes. <i>Inorganics</i> , 2017, 5, 14.	1.2	33
52	Efficient Photocatalytic Water Reduction Using In-Situ Generated Knölker's Iron Complexes. <i>ChemCatChem</i> , 2016, 8, 2340-2344.	1.8	21
53	Mapping Long-Lived Dark States in Copper Porphyrin Nanostructures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16977-16984.	1.5	5
54	Rare-Earth Tetracyanidoborate Salts - Structural Features and Properties Including Luminescence of [RE(H ₂ O) ₈][B(CN) ₄] ₃ ·nH ₂ O and [RE(H ₂ O) ₇]{[B(CN) ₄] ⁻¹ ·nH ₂ O}·2[B(CN) ₄] ₂ ·12H ₂ O (RE = Y, Tb, Dy, Ho, Er, Tm, Yb, Lu; n = 3). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 469-476.	1.0	12

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55	Biphasic aggregation of a perylene bisimide dye identified by exciton-vibrational spectra. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25110-25119.	1.3	8
56	Ultrafast excited state dynamics of iridium(III) complexes and their changes upon immobilisation onto titanium dioxide layers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10682-10687.	1.3	29
57	Anti-cooperative supramolecular polymerization: a new K_{22} model applied to the self-assembly of perylene bisimide dye proceeding via well-defined hydrogen-bonded dimers. <i>Chemical Science</i> , 2016, 7, 1729-1737.	3.7	84
58	Straightforward synthesis of tetraalkynylpyrazines and their photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1442-1449.	1.5	14
59	Pd(0)-catalyzed domino C–N coupling/hydroamination/C–H arylation reactions: efficient synthesis and photophysical properties of azaindolo[1,2-f]phenanthridines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1293-1301.	1.5	9
60	Coherent Diffractive Imaging of Laser-Driven Plasma Dynamics in Thin Foils. , 2016, , .		0
61	Ultrafast Charge Carrier Dynamics in Bulk MoS ₂ Following Optical Excitation. , 2016, , .		0
62	Graphene: Complementing Graphenes: 1D Interplanar Charge Transport in Polymeric Graphitic Carbon Nitrides (<i>Adv. Mater.</i> 48/2015). <i>Advanced Materials</i> , 2015, 27, 7992-7992.	11.1	3
63	Exciton-exciton annihilation in a disordered molecular system by direct and multistep Förster transfer. <i>Physical Review B</i> , 2015, 92, .	1.1	37
64	Vibrational Dephasing in Ionic Liquids as a Signature of Hydrogen Bonding. <i>ChemPhysChem</i> , 2015, 16, 2519-2523.	1.0	13
65	Complementing Graphenes: 1D Interplanar Charge Transport in Polymeric Graphitic Carbon Nitrides. <i>Advanced Materials</i> , 2015, 27, 7993-7999.	11.1	153
66	Laser-Induced Plasma Dynamics Imaged by Femtosecond In-Line Holography. <i>Springer Proceedings in Physics</i> , 2015, , 345-347.	0.1	0
67	Synthesis and Properties of 5,7-dihydropyrido[3,2-b:5,6-b']diindoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1007-1019.	1.2	22
68	Syntheses, Structures, and Luminescence Properties of New Octahedral Cluster Complexes with Terminal Phenolate Ligands: $[\text{K}(\text{H}_2\text{O})(\text{CH}_3\text{OH})_3]_2[\text{Ph}_4\text{P}]_2[\text{M}_6\text{Cl}_{12}(\text{O}^-\text{C}_6\text{H}_4\text{F})_6]$ ($\text{M} = \text{Nb}, \text{Ta}$; $\text{Ph} = \text{phenyl}$) <i>Journal of Cluster Science</i> , 2015, 26, 223-232.		3
69	4-Hydroxy-1-naphthaldehydes: proton transfer or deprotonation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10238-10249.	1.3	19
70	Synthesis of tetraaryl- and tetraalkenylpyrazines by Suzuki–Miyaura reactions of tetrachloropyrazine. <i>Tetrahedron</i> , 2015, 71, 6803-6812.	1.0	14
71	Synthesis and comparative study of the photocatalytic performance of hierarchically porous polymeric carbon nitrides. <i>Microporous and Mesoporous Materials</i> , 2015, 211, 182-191.	2.2	30
72	Novel synthesis of 5-methyl-5,10-dihydroindolo[3,2-b]indoles by Pd-catalyzed C–C and two-fold C–N coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 583-591.	1.5	32

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73	S2 to S1 Relaxation Dynamics in Perylene Bisimide Dye Aggregates and Monomers. Springer Proceedings in Physics, 2015, , 459-461.	0.1	0
74	Substitutionâ€Controlled Excited State Processes in Heteroleptic Copper(I) Photosensitizers Used in Hydrogen Evolving Systems. ChemPhysChem, 2014, 15, 3709-3713.	1.0	61
75	S2 to S1 Relaxation Dynamics in Perylene Bisimide Dye Aggregates and Monomers. , 2014, , .		0
76	Analyzing ultrafast multiplex coherent antiâ€Stokes Raman spectra with picosecond probing. Journal of Raman Spectroscopy, 2014, 45, 359-368.	1.2	7
77	Improving the Time Resolution for Remote Control of Enzyme Activity by a Nanosecond Laserâ€Induced pH Jump. ChemCatChem, 2014, 6, 3511-3517.	1.8	5
78	Photocatalytic Hydrogen Production with Copper Photosensitizerâ€Titanium Dioxide Composites. ChemCatChem, 2014, 6, 82-86.	1.8	53
79	Spin density distribution after electron transfer from triethylamine to an [Ir(ppy)2(bpy)]+ photosensitizer during photocatalytic water reduction. Physical Chemistry Chemical Physics, 2014, 16, 4789.	1.3	40
80	Direct observation of the cyclic dimer in liquid acetic acid by probing the C=O vibration with ultrafast coherent Raman spectroscopy. Physical Chemistry Chemical Physics, 2014, 16, 18010-18016.	1.3	11
81	Dinuclear Ru/Ni, Ir/Ni, and Ir/Pt Complexes with Bridging Phenanthroline-5,6-dithiolate: Synthesis, Structure, and Electrochemical and Photophysical Behavior. Inorganic Chemistry, 2014, 53, 8859-8873.	1.9	14
82	Theoretical Analysis of the Relaxation Dynamics in Perylene Bisimide Dimers Excited by Femtosecond Laser Pulses. Journal of Physical Chemistry A, 2014, 118, 1403-1412.	1.1	36
83	Synthesis of fluorescent 2,3,5,6-tetraalkynylpyridines by site-selective Sonogashira-reactions of 2,3,5,6-tetrachloropyridines. Organic and Biomolecular Chemistry, 2014, 12, 8627-8640.	1.5	10
84	Site Selective Synthesis of Pentaarylpyridines via Multiple Suzukiâ€Miyaura Crossâ€Coupling Reactions. Advanced Synthesis and Catalysis, 2014, 356, 1987-2008.	2.1	34
85	Palladium catalyzed synthesis and physical properties of indolo[2,3-b]quinoxalines. Organic and Biomolecular Chemistry, 2014, 12, 6151-6166.	1.5	37
86	Death and Rebirth: Photocatalytic Hydrogen Production by a Self-Organizing Copperâ€Iron System. ACS Catalysis, 2014, 4, 1845-1849.	5.5	89
87	Electron- and Energy-Transfer Processes in a Photocatalytic System Based on an Ir(III)-Photosensitizer and an Iron Catalyst. Journal of Physical Chemistry Letters, 2014, 5, 1355-1360.	2.1	44
88	Structureâ€Activity Relationships in Bulk Polymeric and Solâ€Gel-Derived Carbon Nitrides during Photocatalytic Hydrogen Production. Chemistry of Materials, 2014, 26, 1727-1733.	3.2	108
89	On the interpretation of decay associated spectra in the presence of time dependent spectral shifts. Chemical Physics Letters, 2014, 609, 184-188.	1.2	33
90	Structural Motives of Acetic Acid from Ultrafast CARS Spectroscopy of the CO Vibration. , 2014, , .		0

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91	Laser-Induced Plasma Dynamics Imaged by Femtosecond In-Line Holography. , 2014, , .		0
92	A Nobleâ€Metalâ€Free System for Photocatalytic Hydrogen Production from Water. Chemistry - A European Journal, 2013, 19, 15972-15978.	1.7	155
93	Biphasic Self-Assembly Pathways and Size-Dependent Photophysical Properties of Perylene Bisimide Dye Aggregates. Journal of the American Chemical Society, 2013, 135, 18722-18725.	6.6	113
94	Focus on correlation effects in radiation fields. New Journal of Physics, 2013, 15, 065015.	1.2	5
95	Photocatalytic Water Reduction with Copperâ€Based Photosensitizers: A Nobleâ€Metalâ€Free System. Angewandte Chemie - International Edition, 2013, 52, 419-423.	7.2	243
96	Ultrafast Exciton Self-Trapping upon Geometry Deformation in Perylene-Based Molecular Aggregates. Journal of Physical Chemistry Letters, 2013, 4, 792-796.	2.1	123
97	Tetraalkynylated and Tetraalkenylated Benzenes and Pyridines: Synthesis and Photophysical Properties. Advanced Synthesis and Catalysis, 2013, 355, 1849-1858.	2.1	30
98	Photoswitching of Enzyme Activity by Laser-Induced pH-Jump. Journal of the American Chemical Society, 2013, 135, 9407-9411.	6.6	84
99	Suzuki-Miyaura Reactions of 2,7-Dichloro-1,8-naphthyridine. Synlett, 2013, 24, 359-362.	1.0	3
100	Observation of Two-Exciton States in Perylene Bisimide Aggregates. EPJ Web of Conferences, 2013, 41, 05035.	0.1	0
101	Ultrafast CARS with Improved Spectral Resolution. EPJ Web of Conferences, 2013, 41, 05007.	0.1	0
102	Coherent anti-Stokes Raman scattering with broadband excitation and narrowband probe. Optics Express, 2012, 20, 6478.	1.7	19
103	Photoexcitation dynamics in polyfluorene-based thin films: Energy transfer and amplified spontaneous emission. Physical Review B, 2012, 85, .	1.1	15
104	Material Processing with Femtosecond Laser Pulses for Medical Applications. Biomedizinische Technik, 2012, 57, .	0.9	2
105	Loading method for discrete drug depots on implant surfaces. Biomedizinische Technik, 2012, 57, .	0.9	2
106	Hydrogen bonding in ionic liquids probed by linear and nonlinear vibrational spectroscopy. New Journal of Physics, 2012, 14, 105026.	1.2	102
107	Size-dependent exciton dynamics in one-dimensional perylene bisimide aggregates. New Journal of Physics, 2012, 14, 105027.	1.2	30
108	Material processing with shaped femtosecond laser pulses. Biomedizinische Technik, 2012, 57, .	0.9	1

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109	Förster-mediated spectral diffusion in disordered organic materials. <i>Physical Review B</i> , 2012, 85, .	1.1	22
110	Synthesis and Characterization of New Iridium Photosensitizers for Catalytic Hydrogen Generation from Water. <i>Chemistry - A European Journal</i> , 2012, 18, 3220-3225.	1.7	90
111	Photophysical and quantum chemical study on a J-aggregate forming perylene bisimide monomer. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17649.	1.3	42
112	Multiple Sonogashira Reactions of Polychlorinated Molecules. Synthesis and Photophysical Properties of the First Pentaalkynylpyridines. <i>Organic Letters</i> , 2011, 13, 1618-1621.	2.4	34
113	Long distance energy transfer in a polymer matrix doped with a perylene dye. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3527.	1.3	29
114	One-Dimensional Exciton Diffusion in Perylene Bisimide Aggregates. <i>Journal of Physical Chemistry A</i> , 2011, 115, 648-654.	1.1	149
115	Quantum Dynamics and Spectroscopy of Excitons in Molecular Aggregates. <i>Semiconductors and Semimetals</i> , 2011, 85, 47-81.	0.4	24
116	The origin of ultrafast proton transfer: Multidimensional wave packet motion vs. tunneling. <i>Chemical Physics Letters</i> , 2011, 503, 61-65.	1.2	58
117	Influence of core-substitution on the ultrafast charge separation and recombination in arylamino core-substituted naphthalene diimides. <i>Chemical Physics Letters</i> , 2011, 504, 24-28.	1.2	15
118	Einfluss ultrakurzer Laserpulse auf die Hydrolyseaktivität saurer Phosphatasen. <i>Chemie-Ingenieur-Technik</i> , 2010, 82, 1538-1538.	0.4	0
119	The Ultrafast Dynamics of Electronic Excitations in Pentacene Thin Films. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1270, 1.	0.1	1
120	Variation of the Ultrafast Fluorescence Quenching in 2,6-Sulfanyl-Core-Substituted Naphthalenediimides by Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12555-12560.	1.1	16
121	One Dimensional Exciton Diffusion in J-Aggregates. , 2010, , .		0
122	Ultrafast singlet and triplet dynamics in microcrystalline pentacene films. <i>Physical Review B</i> , 2009, 79, .	1.1	110
123	Ultrafast internal conversion pathway and mechanism in 2-(2-hydroxyphenyl)benzothiazole: a case study for excited-state intramolecular proton transfer systems. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1406.	1.3	174
124	Influence of the Environment on Reaction Dynamics: Excited State Intramolecular Proton Transfer in the Gas Phase and in Solution. <i>Springer Series in Chemical Physics</i> , 2009, , 508-510.	0.2	2
125	Electronic Excitations in Pentacene Films: Singlet versus Triplet Dynamics. <i>Springer Series in Chemical Physics</i> , 2009, , 376-378.	0.2	0
126	The interplay of skeletal deformations and ultrafast excited-state intramolecular proton transfer: Experimental and theoretical investigation of 10-hydroxybenzo[h]quinoline. <i>Chemical Physics</i> , 2008, 347, 446-461.	0.9	91

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127	Reaction path dependent coherent wavepacket dynamics in excited state intramolecular double proton transfer. <i>Chemical Physics</i> , 2008, 349, 197-203.	0.9	30
128	The Key Role of Solvation Dynamics in Intramolecular Electron Transfer: Time-Resolved Photophysics of Crystal Violet Lactone. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8487-8496.	1.1	24
129	Exciton Trapping in π -Conjugated Materials: A Quantum-Chemistry-Based Protocol Applied to Perylene Bisimide Dye Aggregates. <i>Journal of the American Chemical Society</i> , 2008, 130, 12858-12859.	6.6	290
130	Tunable pulses from below 300 to 970 nm with durations down to 14 fs based on a 2 MHz ytterbium-doped fiber system. <i>Optics Letters</i> , 2008, 33, 192.	1.7	75
131	Symmetry-dependent solvation of donor-substituted triarylboranes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6245.	1.3	48
132	Ultrasensitive ultraviolet-visible 20fs absorption spectroscopy of low vapor pressure molecules in the gas phase. <i>Review of Scientific Instruments</i> , 2008, 79, 013107.	0.6	59
133	Ultrafast Exciton Decay in Microcrystalline Pentacene Films. , 2007, , .		0
134	Tunable 20 fs red pulses with up to 200 nJ energy from a 2 MHz Yb-doped fiber oscillator/amplifier system. , 2007, , .		0
135	Tunable pulses from below 300 to 950 nm with durations down to 12 fs from a 2 MHz Yb-doped fiber system. , 2007, , .		0
136	Sub-100 fs Electron and Proton Transfer: the Role of the Environment. , 2007, , .		0
137	30-fs ultra sensitive absorption spectroscopy of low vapor pressure molecules: proton transfer in the gas phas. , 2007, , .		0
138	Noncollinear optical parametric amplification of cw light, continua and vacuum fluctuations. , 2007, , .		0
139	Ultrafast Exciton Relaxation in Microcrystalline Pentacene Films. <i>Physical Review Letters</i> , 2007, 99, 176402.	2.9	121
140	Electron Transfer in Triarylmethane Lactones: From the sub-100 fs Regime to Solvent Control. <i>Springer Series in Chemical Physics</i> , 2007, , 309-311.	0.2	0
141	Search for Pure Vibrational Dephasing of Electronically Excited Dye Molecules in Solution. , 2007, , .		0
142	Shaped UV Pulses with 20 fs Substructures. <i>Springer Series in Chemical Physics</i> , 2007, , 145-147.	0.2	0
143	Naphthalene Bisimides on the Way to Opto-electronic Devices. , 2007, , .		0
144	Energy Transport Mechanisms in Doped Organic Films. <i>Springer Series in Chemical Physics</i> , 2007, , 306-308.	0.2	0

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145	Exciton Migration by Ultrafast Förster Transfer in Highly Doped Matrixes. Journal of Physical Chemistry B, 2006, 110, 6001-6009.	1.2	43
146	19 fs shaped ultraviolet pulses. Optics Letters, 2006, 31, 543.	1.7	31
147	Energy Transport Mechanisms in Doped Organic Films. , 2006, , ThE8.		0
148	Intramolecular electron transfer beyond solvent control. , 2006, , 415-419.		0
149	Shaped UV Pulses with 20 fs Substructures. , 2006, , .		0
150	Electronic Structure and Dynamics in Thin, Ordered Pentacene Films. , 2006, , .		0
151	Electron Transfer in Triarylmethane Lactones: From the sub-100 fs Regime to Solvent Control. , 2006, , .		0
152	Full characterization of ultraviolet and visible 10-fs pulses with zero-additional-phase SPIDER. Springer Series in Chemical Physics, 2005, , 130-132.	0.2	0
153	Achromatic second harmonic generation: tunable ultraviolet pulses with sub-10 fs duration. Springer Series in Chemical Physics, 2005, , 79-81.	0.2	0
154	Ultrafast proton transfer of 1-hydroxy-2-acetonaphthone: Reaction path from resonance Raman and transient absorption studies. Journal of Chemical Physics, 2005, 122, 2443-15.	1.2	62
155	Femtosecond transient spectroscopy of the photoionization of indole in water. , 2004, , 229-232.		2
156	Symmetry breaking wavepacket motion and absence of deuterium isotope effect in ultrafast excited state proton transfer. , 2004, , 193-196.		4
157	Compact autocorrelator for the online measurement of tunable 10 femtosecond pulses. Review of Scientific Instruments, 2004, 75, 2323-2327.	0.6	35
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